



EXPRESS MAIL LABEL NO.: 806 909 825 US

PATENT  
56232.13 [4925]

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

Examiner: Manlove, Shalie A.

Masaki Nakamura et al.

Serial No.: 09/998,764

Art Unit: 1755

Filed: 11/29/01

Title: Pigment Dispersion Liquid, Manufacturing Process Thereof, Pigment Ink for Ink Jetting, and Ink Jet Image Recording Method Employing the Same

9/13  
7/9/03  
RECEIVED  
JUL 08 2003  
GROUP 1700

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO OFFICE ACTION**

Dear Examiner Manlov:

This is a response to the Office Action dated 4/23/03, which had a statutorily shortened period for response that ends on 7/23/03. Attached hereto is a marked-up version of the changes made to the claims. The attached enclosure is captioned **"Version with Markings to Show Changes Made."**

**IN THE CLAIMS**

Claims 1, 3, and 4 have been amended. Claims 2, 5, 6, 7, and 8, in italics, have not been amended in this response.

1. (amended) A pigment dispersion liquid comprising a water soluble polymer with a weight average molecular weight of 1,000 to 200,000 and pigment particles dispersed in a dispersion medium, the difference ( $D_{90} - D_{10}$ ) between  $D_{90}$  and  $D_{10}$  being not more than 25 nm,

101406.1